

PERSON SPECIFICATION – ST0051 Software Engineer

Specification	Essential	Desirable	Examples Measured by
<p>Education and Training Formal qualifications and relevant training</p>	<ul style="list-style-type: none"> • Degree in Computer Science or a related subject with relevant practical experience in Software Development. 	<ul style="list-style-type: none"> • MSc on a relevant topic. 	<p>Application Form / CV Documentary Evidence References</p>
<p>Work Experience Ability to undertake duties of the post</p>		<ul style="list-style-type: none"> • Relevant experience as a Software Engineer. • Relevant practical experience in 3D graphics Software Development. • Experience in developing software for Virtual Environments and/or Scientific Visualisation. 	<p>Application Form / CV Interview Performance of task / test at interview</p>
<p>Skills and Knowledge Includes abilities and intellect</p>	<ul style="list-style-type: none"> • Good knowledge of the Software Engineering process. • C++ Software Development experience. • An understanding of object-oriented design. 	<ul style="list-style-type: none"> • Experience with Software Version Control systems. • Graphics programming experience • Good mathematics skills relevant to graphics. • 3D modelling skills. • Software project management. • Supervision of software development staff. • Quality systems. 	<p>Application Form / CV Interview</p>

<p>Personal Qualities</p> <p>Includes any specific physical requirements of the post – (subject to the provisions of the DDA Act)</p>	<ul style="list-style-type: none"> • Good organisational, time management and reporting skills, and ability to meet deadlines. • A positive and proactive attitude to problem solving. • Ability to work effectively as part of a team. • Effective communication skills (both verbal and written). • Enthusiastic and conscientious. 		<p>Application Form / CV Interview</p>
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